

Europe Fuel Cell Market 2021-2031 by Product (PEMFC, PAFC, SOFC, MCFC, DMFC, AFC), Capacity (200 Kw or below, above 200 Kw), Application (Stationary, Transportation, Portable), End User, and Country: Trend Forecast and Growth Opportunity

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Abstracts

Europe fuel cell market was valued at \$1,533.2 million in 2021 and will grow by 18.8% annually over 2021-2031, driven by the increasing need for clean power generation, stringent norms on greenhouse gas (GHG) emission across the globe, increasing R&D grants and government incentives, and the mounting environmental concerns and expanding urbanization.

Highlighted with 47 tables and 50 figures, this 117-page report “Europe Fuel Cell Market 2021-2031 by Product (PEMFC, PAFC, SOFC, MCFC, DMFC, AFC), Capacity (200 Kw or below, above 200 Kw), Application (Stationary, Transportation, Portable), End User, and Country: Trend Forecast and Growth Opportunity” is based on comprehensive research of the entire Europe fuel cell market and all its sub-segments through extensively detailed classifications. Profound analysis and assessment are generated from premium primary and secondary information sources with inputs derived from industry professionals across the value chain. The report is based on studies on 2018-2021 and provides forecast from 2022 till 2031 with 2021 as the base year. (Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

In-depth qualitative analyses include identification and investigation of the following aspects:

Market Structure

Growth Drivers

Restraints and Challenges

Emerging Product Trends & Market Opportunities

Porter's Fiver Forces

The trend and outlook of Europe market is forecast in optimistic, balanced, and conservative view by taking into account of COVID-19 and Russia-Ukraine conflict. The balanced (most likely) projection is used to quantify Europe fuel cell market in every aspect of the classification from perspectives of Product, Capacity, Application, End User, and Country.

Based on Product, the Europe market is segmented into the following sub-markets with annual revenue (\$ mn), capacity (MW), and volume (units) for 2021-2031 included in each section.

Proton Exchange Membrane Fuel Cell (PEMFC)

Phosphoric Acid Fuel Cell (PAFC)

Solid Oxide Fuel Cell (SOFC)

Molten Carbonate Fuel Cell (MCFC)

Direct Methanol Fuel Cell (DMFC)

Alkaline Fuel Cell (AFC)

Other Fuel Cells

Based on Capacity, the Europe market is segmented into the following sub-markets with annual revenue (\$ mn) for 2021-2031 included in each section.

Small Scale (Up to 200 Kw)

Large Scale (Above 200 Kw)

By Application, the Europe market is segmented into the following sub-markets with annual revenue (\$ mn), capacity (MW), and volume (units) for 2021-2031 included in each section.

Stationary

Transportation

Portable

By End User, the Europe market is segmented into the following sub-markets with annual revenue (\$ mn) for 2021-2031 included in each section.

Transportation

Utilities & Government/Municipal Institutes

Residential

Commercial & Industrial

Data Centers

Military & Defense

Geographically, the following national/local markets are fully investigated:

Germany

UK

France

Spain

Italy

Netherlands

Rest of Europe (further segmented into Russia, Switzerland, Poland, Sweden, Belgium, Austria, Ireland, Norway, Denmark, and Finland)

For each key country, detailed analysis and data for annual revenue (\$ mn) are available for 2021-2031. The breakdown of national markets by Product, Capacity and Application over the forecast years are also included.

The report also covers current competitive scenario and the predicted trend; and profiles key vendors including market leaders and important emerging players.

Selected Key Players:

Ballard Power Systems Inc.

Bloom Energy Corp.

Ceres Power Holdings PLC

Cummins Inc.

Doosan Fuel Cell America, Inc.

FuelCell Energy Inc.

Horizon Fuel Cell Technologies Pte. Ltd.

Hydrogenics Corporation

Intelligent Energy Limited

Mitsubishi Hitachi Power Systems Ltd.

Nedstack Fuel Cell Technology BV

Nuvera Fuel Cells Inc. (Nuvera Fuel Cells LLC)

Panasonic Corporation

Plug Power Inc.

PowerCell Sweden AB

SFC Energy AG

Toshiba Energy Systems & Solutions Corporation

(Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

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Mitsubishi Hitachi Power Systems Ltd.
Nedstack Fuel Cell Technology BV
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